|                                                |                                                                                                                                                                                                                              | II C Bakant           | Approved for use the                               | PTO/SB/30 (08-00) PTO/SB/30 (08-00) PTO/SB/30 (08-00)               |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------|---------------------------------------------------------------------|
| O Find Instant                                 | work Reduction Act of 1895, no persons are required to response                                                                                                                                                              | nd to a collection    | of information unless it disp<br>optication Number | DÉPARTMENT OF COMMERCE lays à valid OMB control number.  09/845,297 |
| DET 2 1 DOES                                   | FOR                                                                                                                                                                                                                          | <i>f</i>              | ling Date                                          | May 1, 2001                                                         |
| CONTIN                                         | UED EXAMINATION (RC                                                                                                                                                                                                          |                       | rst Named Inventor                                 | Akihiro NAKAUCHI et al.                                             |
| TRADES                                         | TRANSMITTAL                                                                                                                                                                                                                  |                       | roup Art Unit                                      | 2851                                                                |
|                                                | ction (b) of 35 U.S.C. § 132, effective on May 29, 2000, for continued examination of an utility or plant application                                                                                                        | E                     | raminer Name                                       | A. A. Mathews                                                       |
| Soo T                                          | filed on or after June 8, 1995,<br>he American Inventors Protection Act of 1999 (AIPA)                                                                                                                                       | At                    | tomey Docket Number                                | 00862.022217                                                        |
| See Changes to A (Mar. 20, 2000), 12           | tion application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) pplication Examination and Provisional Application Practice, Fi 233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established equired under 37 C.F.R. § 1.114 | inal Rule, 65 Fed     | 1. Reg. 50092 (Aug. 16, 2000                       | )); Interim Rule, 65 Fed. Reg. 14865                                |
| a Prev<br>i                                    | riously submitted  Consider the amendment(s)/reply under 37 C. (Any unentered amendment(s) referred to above will be ente  Consider the arguments in the Appeal Brief or  Other:                                             | red).                 | · .                                                |                                                                     |
| b. X Encl<br>i. X<br>ii. III. III. IV. IV. III | osed Amendment/Reply Affidavit(s)/Declaration(s) Information Disclosure Statement (IDS) Other                                                                                                                                |                       |                                                    |                                                                     |
| a. Susp<br>b. Othe                             | pension of action on the above-identified application of action on the above-identified application of suspension states.                                                                                                    |                       |                                                    |                                                                     |
| 3. Fees The R                                  | ICE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.                                                                                                                                                              | .114 when the R       | CE is filed.                                       |                                                                     |
| i. X<br>ii. III.                               | Director is hereby authorized to charge any deficient Account No. 106-1205  RCE fee required under 37 C.F.R. § 1.17(e)  Extension of time fee (37 C.F.R. §§ 1.136 and Other                                                  | 1.17)                 |                                                    | redit any overpayments, to                                          |
|                                                | eck in the amount of \$770.00 is enclosed to cover the ment by credit card (Form PTC-2038 enclosed)                                                                                                                          | rer the RCE           | iuing fee.                                         |                                                                     |
|                                                | SIGNATURE OF APPLICANT, ATT                                                                                                                                                                                                  | ORNEY                 | OR AGENT REC                                       | DUIRED                                                              |
|                                                | Mark A. Williamson                                                                                                                                                                                                           | Registra<br>(Attorne) | tion No.                                           | 33,628                                                              |
| Signature                                      | Mahawilliam                                                                                                                                                                                                                  | Date                  | December 24, 2                                     | 2003                                                                |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND Fees and Completed Forms to the following eddress: Commissioner for Patents, Box RCE, Washington, DC 20231.

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#### PATENT APPLICATION

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of:       | )                             |
|-----------------------------|-------------------------------|
| • •                         | : Examiner: A. A. Mathews     |
| Akihiro NAKAUCHI et al.     | )                             |
|                             | : Group Art Unit: 2851        |
| Application No.: 09/845,297 | )                             |
| •                           | : Confirmation No.: 3006      |
| Filed: May 1, 2001          | )                             |
|                             | : Allowed: September 24, 2003 |
| For: PROJECTION EXPOSURE    | <b>)</b>                      |
| APPARATUS HAVING ABERRATION | : December 24, 2003           |
| MEASUREMENT DEVICE          | )                             |
|                             | ,                             |

## **Mail Stop RCE**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Preliminary Amendment in the above-identified application.

X No additional fee is required.

The fee has been calculated as shown below:

|                                               | <b>Y</b>                            | CLAIMS | AS AMENDED                      | ·                | <del>,                                      </del> |                   |
|-----------------------------------------------|-------------------------------------|--------|---------------------------------|------------------|----------------------------------------------------|-------------------|
|                                               | CLAIMS REMAINING AFTER<br>AMENDMENT |        | HIGHEST NO. PREVIOUSLY PAID FOR | PRESENT<br>EXTRA | RATE                                               | ADDITIONAL<br>FEE |
| TOTAL<br>CLAIMS                               | 55                                  | MINUS  | 55                              | = 0              | x \$9<br>\$18                                      | \$0.00            |
| INDEP.<br>CLAIMS                              | 20                                  | MINUS  | 20                              | = 0              | x \$42<br>\$84                                     | \$0.00            |
| Fee for Multiple Dependent claims \$140/\$280 |                                     |        |                                 |                  | \$0.00                                             |                   |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT       |                                     |        |                                 |                  |                                                    | \$0.00            |

|   | °Verified Statement claiming small entity status is enclosed, if not filed previously.                                                                                                                                                                                                                                                                                                             |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | A check in the amount of \$ is enclosed.                                                                                                                                                                                                                                                                                                                                                           |
|   | Charge \$ to Deposit Account No. 06-1205. A duplicate of this sheet is enclosed.                                                                                                                                                                                                                                                                                                                   |
| X | Any prior general authorization to charge an issue fee under 37 CFR 1.18 to Deposit Account No. 06-1205 is hereby revoked. The Commissioner is hereby authorized to charge any additional fee under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of this application or to credit any overpayment, to Deposit Account No. 06-1205. A duplicate of this paper is enclosed. |
|   | A check in the amount of \$ to cover the fee for a month extension is enclosed.                                                                                                                                                                                                                                                                                                                    |
|   | A check in the amount of \$ to cover the Information Disclosure Statement fee is enclosed.                                                                                                                                                                                                                                                                                                         |
| X | Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should be directed to our address given below.  Respectfully submitted,                                                                                                                                                                                          |
|   | Attorney for Applicants Mark A. Williamson Registration No. 33,628                                                                                                                                                                                                                                                                                                                                 |
|   |                                                                                                                                                                                                                                                                                                                                                                                                    |

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

MAW/eab

DC\_MAIN 130387v1



PATENT APPLICATION

RK OFFICE

Mathews

Mathews

2851

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| n re Application of:        | )                            |    |
|-----------------------------|------------------------------|----|
|                             | : Examiner: A. A. Mathews    |    |
| Akihiro NAKAUCHI et al.     | )                            |    |
|                             | : Group Art Unit: 2851       |    |
| Application No.: 09/845,297 | )                            |    |
| Filed: May 1, 2001          | : Confirmation No.: 3006     |    |
| Theu. May 1, 2001           | : Allowed: September 24, 200 | }3 |
| For: PROJECTION EXPOSURE    | )                            | _  |
| APPARATUS HAVING ABERRATION | : December 24, 2003          |    |
| MEASUREMENT DEVICE          | )                            |    |

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

#### PRELIMINARY AMENDMENT

Sir:

Prior to further examination on the merits, please amend the above-identified application as follows: